

**NOTE: This format to be used for all Event Submissions
beginning with Fiscal Year 2005**

Event Data Set
Dictionary / Submission Guide
Companion Guide to
HIPAA (ASC X12 837Prof) Format

EVENT DATA CONVENTIONS

Data Element Types

Symbol	Type	Comments
AN	String	Any character from basic or extended character set
B	Binary	
DT	Date	YYMMDD or CCYYMMDD depending on the length of the element
ID	Identifier	Value from a predefined table of codes
N#	Numeric	# = number of decimal places to right of implied decimal, (-) indicates negative number, length does not include optional sign
R	Decimal	Number with explicit decimal point always displayed, (-) indicates negative number, length does not include optional sign
TM	Time	HHMM(SSD..D) depending on the length of the element
X	String	Specific code such as a record ID (RDMC definition)

Requirement Designators

Type	Definition	Comments
M	Mandatory	Required field
O	Optional	Field may or may not be present. If NOT present, the Element Separator is still required
X	Relational	Codes in this field are based on the qualifying code in the previous field

Recommendations

- It is **STRONGLY** recommended, but not required, that an asterisk (*) be used as the Data / Field Element Separator, a colon (:) be used as the Component Element Separator, and a tilde (~) be used as the Segment / Record Terminator in the ISA record.
- It is recommend that all time fields always be set to 24 hour clock (2:00pm is 1400) and use only 4 position length (HHMM). Do not use a colon (:) in the time field, especially if colon is being used as the Component Element Separator.
- Records should have CR/LF following the “ ~ ” at the end of the record. Not only does the software behave better with this line break, but it enables RDMC to read the raw data better and zero in on any problems. ~~(moved from Revision 3 on 7/3/2003)~~

Procedure

All HIPAA formatted records will be converted to NSF formatted records and processed thru the current Event record edits. Refer to the “Event Data Set Dictionary - NSF Format” for all processing edits and definitions. Where applicable, the corresponding NSF designator is listed with each HIPAA designator.

A new program is being written to edit the HIPAA submission directly into the RDMC database. When it is implemented, this section will be updated to include the appropriate edits for each required / allowed field.

NOTE:

- Only the HIPAA records that are needed for the Event Data Set are listed in this document. Additional HIPAA records may be included in the transmission, but RDMC will ignore them when converting to the NSF format.
- An encryption program for the HIPAA format is available under File Management within your Data Upload System web page. Instructions for this and the other encryption programs is available in the same location. NOTE: This is NOT a new encryption formula. It is a new program to encrypt the SSNs in the HIPAA format file into the same format as we have been using for year. ~~(moved from Revision 4 on 7/3/2003)~~
- **Highlighted items are fields that are being used by RDMC/DMHMRS**

Section: ISA – Interchange Control Header

This record is a fixed length record of 106 bytes.

- NOTE: 106 bytes includes the Data / Field Element Separator (position #4), Component Element Separator (position #105), and the Segment / Record Terminator (position #106). These delimiter characters may NOT be used anywhere else in the entire transaction data set.
- It is **STRONGLY** recommended, but not required, that an asterisk (*) be used as the Data / Field Element Separator, a colon (:) be used as the Component Element Separator, and a tilde (~) be used as the Segment / Record Terminator. For consistency, these are the delimiters used in this guide.

Only once per submission; additional ISA records will be ignored

HIPAA/NSF Reference Designator	Data Element Name	Requirement Designator	Type	Min/Max Length	Comments	106 bytes
	Record ID	M	X	3/3	"ISA"	1-3
	Element Separator	M	X	1	Delimiter used to separate elements	4
ISA01	Authorization Info Qualifier	M	ID	2/2	00 = no meaningful information in ISA02	5-6
ISA02	Authorization Information	M	AN	10/10		8-17
ISA03	Security Info Qualifier	M	ID	2/2	use "00" = no meaningful information in ISA04 01 = password in ISA04	19-20
ISA04	Security Information	M	AN	10/10		22-31
ISA05	Interchange ID Qualifier	M	ID	2/2	mutually defined code in I06 for Sender (use "30")	33-34
ISA06 / AA0-2	Interchange Sender ID	M	AN	15/15	Sender ID (use ETIN)	36-50
ISA07	Interchange ID Qualifier	M	ID	2/2	mutually defined code in ISA08 for Receiver (use "30")	52-53
ISA08 / AA0-17	Interchange Receiver ID	M	AN	15/15	Receiver ID (use "616001218")	55-69
ISA09 / AA0-15	Interchange Date	M	DT	6/6	YYMMDD (use date of submission)	71-76
ISA10 / AA0-16	Interchange Time	M	TM	4/4	HHMM (use time of submission - not edited)	78-81
ISA11	Repetition Separator Inter Cntl Std ID	M	X	1/1	Interchange Control Standards ID (use "U")	83
ISA12	Interchange Control Version Number	M	ID	5/5	use "00402" "00401" = Version 4, release 1	85-89
ISA13	Interchange Control Number	M	N0	9/9	Must match IEA02	91-99
ISA14	Acknowledgement Requested	M	ID	1/1	use "1" = interchange acknowledgement requested 0 = no acknowledgement requested	101
ISA15 / AA0-21	Usage Indicator	M	ID	1/1	use P = production data T = test data	103
ISA16	Component Element Separator	M	X	1/1	delimiter used to separate 'records'	105
	Segment / Record Terminator	M	X	1/1	delimiter used to indicate the end of a record	106

Example:

ISA*00* *00* *30*610123456 *30*616001218 *020831*1000 **con't**
 *U*00401*150207010*1*P*::~

Section – GS - Functional Group Header

Only once per submission; additional GS records will be ignored

HIPAA/NSF Reference Designator	Data Element Name	Requirement Designator	Type	Min/Max Length	Comments
	Record ID	M	X	2/2	"GS"
	Element Separator	M	X	1/1	must match character in col 4 of ISA
GS01	Functional ID Code	M	AN	2/2	use HN = 277 "HC" = 837 format
GS02 / AA0-2	Application Sender's Code	M	AN	2/15	Must match ISA06 (which is a 15 character field)
GS03 / AA0-17	Application Receiver's Code	M	AN	2/15	Must match ISA08 (which is a 15 character field)
GS04 / AA0-15	Date	M	DT	8/8	CCYYMMDD – may be the same as ISA09 with century
GS05 / AA0-16	Time	M	TM	4/8	HHMM(SSDD) – may be the same as ISA10
GS06	Group Control Number	M	N0	1/9	must match GE02
GS07	Responsible Agency Code	M	ID	1/2	X = X12 used in conjunction with GS08
GS08	Version/Release/Industry ID Code	M	AN	1/12	use 00402X404 "004010X098" = version 4, release 1, ASC X12
	Segment / Record Terminator	M	X	1/1	Must match character in col 106 of ISA

Example:

GS*HC*610123456 *616001218 *20020831*1000*X*00401X098~

NOTE: ISA06 & 08 MUST be 15 positions long; GS02 & 03 should match the ISA06 & 08, but blanks may be dropped

Section – ST - Transaction Set Header

While the HIPAA developers recommend that users include no more than 5,000 Claim (CLM) records within a ST – SE "envelope", RDMC should be able to handle any number sent.

There is no limit as to the number of ST – SE envelopes that may be included within a GS - GE envelope.

HIPAA/NSF Reference Designator	Data Element Name	Requirement Designator	Type	Min/Max Length	Comments
	Record ID	M	X	2/2	"ST"
	Element Separator	M	X	1/1	must match character in col 4 of ISA
ST01	Transaction Set ID Code	M	ID	3/3	use "837" = health claim defines the type of transaction
ST02 / AA0-5	Transaction Set Control Number	M	AN	4/9	must match SE02
ST03	Not used by RDMC				
	Segment / Record Terminator	M	X	1/1	Must match character in col 106 of ISA

Example:

ST*837*0001~

Section – BHT – Beginning of Hierarchical TransactionOnce for each ST - SE envelope; **Not used / ignored by RDMC/DMHMRS**

HIPAA/NSF Reference Designator	Data Element Name	Requirement Designator	Type	Min/Max Length	Comments
	Record ID	M	X	3/3	"BHT"
	Element Separator	M	X	1/1	must match character in col 4 of ISA
BHT01	Hierarchical Structure Code	M	ID	4/4	use "0019" = Info source defines the type of transaction
BHT02 / AA0-23	Transaction Set Purpose Code	M	ID	2/2	use "00" = Original transmission
BHT03 / AA0-5	Reference ID	O	AN	1/30	May be the same as ST02
BHT04 / AA0-15	Date	O	DT	8/8	CCYYMMDD – may be the same as ISA09 with century
BHT05 / AA0-16	Time	O	TM	4/8	HHMM(SSDD) – may be the same as ISA10
BHT06	Transaction Type Code	O	ID	2/2	use "RP" = Reporting
	Segment / Record Terminator	M	X	1/1	Must match character in col 106 of ISA

Example:

BHT*0019*00*0001*20020831*1000*RP~

Section – REF – Reference IdentificationOnce for each BHT record; **Not used / ignored by RDMC/DMHMRS**

HIPAA/NSF Reference Designator	Data Element Name	Requirement Designator	Type	Min/Max Length	Comments
	Record ID	M	X	3/3	"REF"
	Element Separator	M	X	1/1	must match character in col 4 of ISA
REF01	Reference ID Qualifier	M	ID	2/3	use "87"
REF02	Reference ID	X	AN	1/30	use "004010X098A1" "004010X098" = productional
	Segment / Record Terminator	M	X	1/1	Must match character in col 106 of ISA

Example:

REF*87*004010X098~

NOTE: It is our suggestion that all codes remain in the Productional format. File names and communication be used to identify test data and production data. This way, no code changes need to be made between test and production.

Section – NM1 – Submitter Name - loop 1000A

Once for each BHT record; **Not used / ignored by RDMC/DMHMRS**

HIPAA/NSF Reference Designator	Data Element Name	Requirement Designator	Type	Min/Max Length	Comments
	Record ID	M	X	3/3	"NM1"
	Element Separator	M	X	1/1	must match character in col 4 of ISA
NM101	Entity ID Code	M	ID	2/3	use "41" = Sender
NM102	Entity Type Qualifier	M	ID	1/1	use "2" = non-person
NM103 / AA0-6	Organization Name	O	AN	1/35	Sender name (use name of your region)
NM104	Not Used				
NM105	Not Used				
NM106	Not Used				
NM107	Not Used				
NM108	ID Code Qualifier	X	ID	1/2	use "46" = ETIN
NM109 / BA0-2	ID Code	X	AN	2/80	Use your Employer / Tax ID number
	Segment / Record Terminator	M	X	1/1	Must match character in col 106 of ISA

Example:

NM1*41*2*BLUEGRASS*****46*610123456~

NOTE: Region number will be taken from the identification of the input file

Section – PER – Contact Person's Name - loop 1000A

One is required, may have two. **Not used / ignored by RDMC/DMHMRS**

HIPAA/NSF Reference Designator	Data Element Name	Requirement Designator	Type	Min/Max Length	Comments
	Record ID	M	X	3/3	"NM1"
	Element Separator	M	X	1/1	must match character in col 4 of ISA
PER01	Contact Function Code	M	ID	2/2	"IC" = Information Contact
PER02 / AA0-13	Sender Contact Name	O	AN	1/60	Name of person responsible for sending data
PER03	Communication Number Qualifier	X	ID	2/2	Method of communication access – "TE" = Phone #
PER04 / AA0-14	Communication Number	X	AN	1/80	Communication Number
PER05	Communication Number Qualifier	X	ID	2/2	Method of communication access – "EX" = Phone extension #
PER06	Communication Number	X	AN	1/80	Communication Number
PER07	Communication Number Qualifier	X	ID	2/2	Method of communication access – "EM" = e-mail address
PER08	Communication Number	X	AN	1/80	Communication 'Number'
	Segment / Record Terminator	M	X	1/1	Must match character in col 106 of ISA

Example:

PER*IC*Jon A. Dough*TE*8595551212*EX*12*EM*jadough@region.com~

Section – NM1 – Receiver Name - loop 1000BOne is required, up to ten are allowed; **Not used / ignored by RDMC/DMHMRS**

HIPAA/NSF Reference Designator	Data Element Name	Requirement Designator	Type	Min/Max Length	Comments
	Record ID	M	X	3/3	"NM1"
	Element Separator	M	X	1/1	must match character in col 4 of ISA
NM101	Entity ID Code	M	ID	2/3	use "40" = Receiver
NM102	Entity Type Qualifier	M	ID	1/1	use "2" = non-person
NM103 / AA0-6	Organization Name	O	AN	1/35	use "UKRDMC" = Receiver name
NM104	Not Used				
NM105	Not Used				
NM106	Not Used				
NM107	Not Used				
NM108	ID Code Qualifier	X	ID	1/2	use "46" = ETIN
NM109 / AA0-17	ID Code	X	AN	2/80	Use "616001218" = Receiver ID
	Segment / Record Terminator	M	X	1/1	Must match character in col 106 of ISA

Example:

NM1*41*2*DMHMRS*****46*616001218~

NOTE: N3 and N4 records are NOT required

loop 2000A may occur as often as needed

Section – HL – Hierarchical Level - loop 2000A - Billing / Pay-To Provider (Region)One for each iteration of loop 2000A; **Not used / ignored by RDMC/DMHMRS**

HIPAA/NSF Reference Designator	Data Element Name	Requirement Designator	Type	Min/Max Length	Comments
	Record ID	M	X	2/2	"HL"
	Element Separator	M	X	1/1	must match character in col 4 of ISA
HL01	Hierarchical ID #	M	AN	1/12	Start with 1 and increment by 1 each time HL is used
HL02	Not used				Not used when HL01 = 1
HL03	Level Code	M	ID	1/2	use "20" = Information Source
HL04	Child Code	O	ID	1/1	"0" = no subordinate levels; "1" = additional subordinate HL data segments
	Segment / Record Terminator	M	X	1/1	Must match character in col 106 of ISA

Example:

HL*1**20*0~

loop 2010AA may occur up to ten times

Section – NM1 – Billing Provider Name - loop 2010AA

Once within each 2010AA loop; **Not used / ignored by RDMC/DMHMRS**

HIPAA/NSF Reference Designator	Data Element Name	Requirement Designator	Type	Min/Max Length	Comments
	Record ID	M	X	3/3	"NM1"
	Element Separator	M	X	1/1	must match character in col 4 of ISA
NM101	Entity ID Code	M	ID	2/3	use "85" = Billing provider
NM102	Entity Type Qualifier	M	ID	1/1	use "2" = non-person
NM103 / AA0-6	Organization Name	O	AN	1/35	Reporting entity name (use Region name)
NM104	Not Used				
NM105	Not Used				
NM106	Not Used				
NM107	Not Used				
NM108	ID Code Qualifier	X	ID	1/2	use "24" = Region's ID #
NM109 / BA0-6	ID Code	X	AN	2/80	Region's Tax ID #
	Segment / Record Terminator	M	X	1/1	Must match character in col 106 of ISA

Example:

NM1*85*2*BLUEGRASS*****24*6100123456~

loop 2000B may occur as many times as needed

Section – HL – Hierarchical Level - loop 2000B

Once per loop; **Not used / ignored by RDMC/DMHMRS**

HIPAA/NSF Reference Designator	Data Element Name	Requirement Designator	Type	Min/Max Length	Comments
	Record ID	M	X	2/2	"HL"
	Element Separator	M	X	1/1	must match character in col 4 of ISA
HL01	Hierarchical ID #	M	AN	1/12	start with 1 and increment by 1 each time HL is used
HL02	Hierarchical Parent ID #	O	AN	1/12	The hierarchical ID number this HL record is subordinate to
HL03	Level Code	M	ID	1/2	use "22" = Subscriber
HL04	Child Code	O	ID	1/1	"0" = no subordinate levels; "1" = additional subordinate HL data segments
	Segment / Record Terminator	M	X	1/1	Must match character in col 106 of ISA

Example:

HL*2*1*22*0~

Section – SBR – Subscriber Information - loop 2000B - “Payer”

Once for each HL record

HIPAA/NSF Reference Designator	Data Element Name	Requirement Designator	Type	Min/Max Length	Comments
	Record ID	M	X	3/3	“SBR”
	Element Separator	M	X	1/1	must match character in col 4 of ISA
SBR01	Payer Responsibility Sequence ID	M	ID	1/1	use “P” = primary or “S” = secondary or “T” = tertiary
SBR02	Patients Relationship to Insured	O	ID	2/2	use “18” = self
SBR03 / DA0-28	Insurance Policy or Group ID	O	AN	1/30	Medicaid ID # (no longer required per JCIC meeting of 7/21/2004)
SBR04	Not used				
SBR05 / DA0-6	Insurance Type Code Not used				will use the NTE02 code until HIPAA establishes a valid cross-reference
SBR06	Not used				
SBR07	Not used				
SBR08	Not used				
SBR09 / DA0-5	Source of Pay	O	ID	1/2	see DA0-05 cross-reference (only one Payer accepted per JCIC meeting of 7/21/2004)
	Segment / Record Terminator	M	X	1/1	Must match character in col 106 of ISA

Example:

SBR*P*18*254*****ZZ~

Section – NM1 – Subscriber / Insured Name - loop 2010BA

Once for each HL record

HIPAA/NSF Reference Designator	Data Element Name	Requirement Designator	Type	Min/Max Length	Comments
	Record ID	M	X	3/3	“NM1”
	Element Separator	M	X	1/1	must match character in col 4 of ISA
NM101	Entity ID Code	M	ID	2/3	use “IL” = Insured or Subscriber
NM102	Entity Type Qualifier	M	ID	1/1	use “1” = person
NM103	Last Name	M	AN	1/35	something is required
NM104	First Name	M	AN	1/35	something is required
NM105	Not Used				
NM106	Not Used				
NM107	Not Used				
NM108	ID Code Qualifier	X	ID	1/2	use “MI” = Member’s ID #
NM109 / CA0-3 & DA0-3 & EA0-3 & FA0-3	ID Code	X	AN	2/80	Member’s Encrypted SSN #
	Segment / Record Terminator	M	X	1/1	Must match character in col 106 of ISA

Example:

NM1*IL*1*A*B****MI*G12X3L789~

Section – DMG – Subscriber (Client) Demographic Information - loop 2010BA

Not used by RDMC/DMHMRS

HIPAA/NSF Reference Designator	Data Element Name	Requirement Designator	Type	Min/Max Length	Comments
	Record ID	M	X	3/3	"DMG"
	Element Separator	M	X	1/1	must match character in col 4 of ISA
DMG01	Date Format Qualifier	X	ID	2/3	"D8"
DMG02 / CA0-8	Client's Date of Birth	X	AN	1/35	YYYYMMDD format
DMG03 / CA0-9	Client's Sex	O	ID	1/1	"M" / "F" / "U" = Unknown
DMG04-09	Not used				
	Segment / Record Terminator	M	X	1/1	Must match character in col 106 of ISA

Example:

DMG*D8*19810101*M~

loop 2010BB may occur up to ten times, RDMC only requires one

Section – NM1 – Payer - loop 2010BB

Once within each 2010BB loop; **Not used / ignored by RDMC/DMHMRS**

HIPAA/NSF Reference Designator	Data Element Name	Requirement Designator	Type	Min/Max Length	Comments
	Record ID	M	X	3/3	"NM1"
	Element Separator	M	X	1/1	must match character in col 4 of ISA
NM101	Entity ID Code	M	ID	2/3	use "PR" = Payer
NM102	Entity Type Qualifier	M	ID	1/1	use "2" = non-person
NM103 / DA0-9	Organization Name	O	AN	1/35	Payer name (use "DMHMRS")
NM104	Not Used				
NM105	Not Used				
NM106	Not Used				
NM107	Not Used				
NM108	ID Code Qualifier	X	ID	1/2	use "PI" = Payer Identification
NM109 / DA0-7	ID Code	X	AN	2/80	use "DMHMRS"
	Segment / Record Terminator	M	X	1/1	Must match character in col 106 of ISA

Example:

NM1*PR*2*DMHMRS*****PI*DMHMRS~

NOTE: N3 and N4 records are NOT required

Section – CLM – Claim Information - loop 2300

May have up to 100 Claim (CLM) records within each 2300 loop.

HIPAA/NSF Reference Designator	Data Element Name	Requirement Designator	Type	Min/Max Length	Comments
	Record ID	M	X	3/3	"CLM"
	Element Separator	M	X	1/1	must match character in col 4 of ISA
CLM01 / EA0-3	Claim Submitter's (Client's) ID	M	AN	1/38	Member's Encrypted SSN #
CLM02 / XA0-12	Total Claim Charges	O	R	1/18	This format MUST include the decimal. NOTE: this field is not required
CLM03-4	Not used				
CLM05	Not used Place of Service	M	AN	1/2	NOTE: this field is NOT used. SV105 will be used for each service record
CLM06-20	Not used				
	Segment / Record Terminator	M	X	1/1	Must match character in col 106 of ISA

Example:

CLM*G12X3L789~

Section – DTP – Admission Date - loop 2300

HIPAA/NSF Reference Designator	Data Element Name	Requirement Designator	Type	Min/Max Length	Comments
	Record ID	M	X	3/3	"DTP"
	Element Separator	M	X	1/1	must match character in col 4 of ISA
DTP01	Date/Time Qualifier	M	ID	3/3	"435" = admission
DTP02	Date/Time Format Qualifier	M	ID	2/3	"D8"
DTP03 / EA0-26	Admission Date	M	AN	1/35	YYYYMMDD format
	Segment / Record Terminator	M	X	1/1	Must match character in col 106 of ISA

Example:

DTP*435*D8*20020531~

Section – DTP – Discharge Date - loop 2300
No longer considered necessary for DMHMRS
Not used / ignored by RDMC/DMHMRS

HIPAA/NSF Reference Designator	Data Element Name	Requirement Designator	Type	Min/Max Length	Comments
	Record ID	M	X	3/3	"DTP"
	Element Separator	M	X	1/1	must match character in col 4 of ISA
DTP01	Date/Time Qualifier	M	ID	3/3	"096" = discharge
DTP02	Date/Time Format Qualifier	M	ID	2/3	"D8"
DTP03 / EA0-27	Discharge Date This field no longer used by RDMC / DMHMRS	M	AN	1/35	YYYYMMDD format
	Segment / Record Terminator	M	X	1/1	Must match character in col 106 of ISA

Example:

DTP*096*D8*20020601~

Section – HI – Health Care Information - loop 2300
one required for each CLM

HIPAA/NSF Reference Designator	Data Element Name	Requirement Designator	Type	Min/Max Length	Comments
	Record ID	M	X	2/2	"HI"
	Element Separator	M	X	1/1	must match character in col 4 of ISA
HI01(1)	Code List Qualifier	M	ID	1/3	use "BK" = Principal diagnosis
HI01(2) / EA0-30	Diagnosis Code 1	M	AN	1/30	Valid ICD-9 diagnosis code WITHOUT the decimal
HI02(1)	Code List Qualifier	M	ID	1/3	use "BF" = Additional diagnosis
HI02(2) / EA0-31	Diagnosis Code 2	M	AN	1/30	if needed, valid ICD-9 diagnosis code WITHOUT the decimal
HI03(1)	Code List Qualifier	M	ID	1/3	use "BF" = Additional diagnosis
HI03(2) / EA0-32	Diagnosis Code 3	M	AN	1/30	if needed, valid ICD-9 diagnosis code WITHOUT the decimal
HI04(1)	Code List Qualifier	M	ID	1/3	use "BF" = Additional diagnosis
HI04(2) / EA0-33	Diagnosis Code 4	M	AN	1/30	if needed, valid ICD-9 diagnosis code WITHOUT the decimal
	Segment / Record Terminator	M	X	1/1	Must match character in col 106 of ISA

Example:

HI*BK:79999*BF:30001~

loop 2400 may occur up to 50 times

Section – LX – Service Line / Line Counter - loop 2400

Once per 2400 loop

HIPAA/NSF Reference Designator	Data Element Name	Requirement Designator	Type	Min/Max Length	Comments
	Record ID	M	X	2/2	"LX"
	Element Separator	M	X	1/1	must match character in col 4 of ISA
LX01 / FA0-4	Assigned Number	M	N0	1/6	Begin with 1 and increment by 1
	Segment / Record Terminator	M	X	1/1	Must match character in col 106 of ISA

Example:

LX*1~

Section – SV1 – Professional Service Information - loop 2400

once for each LX record

HIPAA/NSF Reference Designator	Data Element Name	Requirement Designator	Type	Min/Max Length	Comments
	Record ID	M	X	3/3	"SV1"
	Element Separator	M	X	1/1	must match character in col 4 of ISA
SV101(1)	Service ID Qualifier	M	ID	2/2	use "HC" = HCPCS Code
SV101(2) / FA0-9	Service Code	M	AN	1/48	HCPCS code (see FA0-09 definition)
SV102 / FA0-13	Line Item Charge	O	R	1/18	This format MUST include the decimal. NOTE: this field is not required
SV103	Unit of Measurement	X	ID	2/2	use "UN" = unit
SV104 / FA0-18	Quantity	X	R	1/15	This format MUST include the decimal (if needed)
SV105 / FA0-7	Place of Service	O	AN	1/2	see FA0-07 cross-reference
SV106	Not used				
SV107(1) / FA0-14 *	Diagnosis Code Pointer #1	M	N0	1/2	only codes "1" thru "4" are acceptable since only 4 diagnosis codes are accepted
SV107(2) / FA0-15 *	Diagnosis Code Pointer #2	O	N0	1/2	
SV107(3) / FA0-16 *	Diagnosis Code Pointer #3	O	N0	1/2	
SV107(3) / FA0-17 *	Diagnosis Code Pointer #4	O	N0	1/2	
SV108-21	Not used				
	Segment / Record Terminator	M	X	1/1	Must match character in col 106 of ISA

Example:

SV1*HC:90899*UN*1.0*53*1:2~

* This field no longer used by DMHMRS

Section – DTP – Service Date - loop 2400
once for each SV1 record

HIPAA/NSF Reference Designator	Data Element Name	Requirement Designator	Type	Min/Max Length	Comments
	Record ID	M	X	3/3	"DTP"
	Element Separator	M	X	1/1	must match character in col 4 of ISA
DTP01	Date/Time Qualifier	M	ID	3/3	use "472" = discharge service dates
DTP02	Date/Time Format Qualifier	M	ID	2/3	"RD8"
DTP03 / FA0-5 & 6	Service From & To Date	M	AN	1/35	YYYYMMDD-YYYYMMDD format. NOTE: dates are separated by a dash.
	Segment / Record Terminator	M	X	1/1	Must match character in col 106 of ISA

Example:
DTP*472*RD8*20020531-20020601~

Section – NTE – Line Item Note - loop 2400

once for each SV1 record

HIPAA/NSF Reference Designator	Data Element Name	Requirement Designator	Type	Min/Max Length	Comments
	Record ID	M	X	3/3	"NTE"
	Element Separator	M	X	1/1	must match character in col 4 of ISA
NTE01	Reference Code	O	ID	3/3	use "ADD" = Additional Info
NTE02 /	Delimit by position				see applicable NSF field definitions
DA0-5 &	MHMR Indicator-Src of Pay	M	X	1/1	"1" = MHMR (Y); "0" = not MHMR
DA0-6 &	Ins Type(Ins Type Code)	M	X	2/2	see DA0-06
EA0-41 &	Spec Pgm Ind	M	X	3/3	1/2/3/4 = MH/MR/Alc/Drug
FA0-12 &	DMHMR Modifier 1	M	X	3/3	see Appendix E
FA0-36 &	DMHMR Modifier 2	M	X	3/3	see FA0-36-no longer needed
CA0-28 &	Provider ID #	M	X	6/6	see Providers list
FA0-23	Rendering Prof ID #	M	X	15/15	see HR table
	Segment / Record Terminator	M	X	1/1	Must match character in col 106 of ISA

NOTE: RDMC will only utilize the last two positions of the EA0-41 / FA0-12 and FA0-36 fields or convert the three character field into a two character field for validation in the NSF format. See EA0-41 in the NSF Guide for cross-reference.

Although FA0_36 is no longer needed, you MUST use 3 zeros or spaces as place-holders or the remaining fields will not be read correctly.

Although DMHMRS Modifier 2 is no longer needed, there MUST be something (zeros or spaces) in these three positions of the field.

Example:

NTE*ADD*1003310340001505205581~

1	MHMR Indicator
00	Ins Type Code
331	Spec Pgm Ind (only last 2 positions used)
034	DMHMRS Modifier 1 (only last 2 positions used)
000	not used, MUST fill spaces
150520	Provider ID #
5581	Rendering Prof ID #

For RDMC use:

DA0-05 = substring (NTE02, 1, 1)	substring (Col001,9,1)
DA0-06 = substring (NTE02, 2, 2)	10,2
EA0-41 = substring (NTE02 4, 3)	12,3
FA0-12 = substring (NTE02, 7, 3)	15,3
FA0-36 = substring (NTE02, 10, 3)	18,3
CA0-28 = substring (NTE02, 13, 6)	21,6
FA0-23 = substring (NTE02, 19, 15)	27

Section – SE - Transaction Set Trailer

once for each ST record

HIPAA/NSF Reference Designator	Data Element Name	Requirement Designator	Type	Min/Max Length	Comments
	Record ID	M	X	2/2	“SE”
	Element Separator	M	X	1/1	must match character in col 4 of ISA
SE01	Number of Included Segments	M	N0	1/10	number of records / segments in transaction set, including ST and SE
SE02 / AA0-5	Transaction Set Control Number	M	AN	4/9	must match ST02
	Segment / Record Terminator	M	X	1/1	Must match character in col 106 of ISA

Example:

SE*99*0001~

Section – GE - Functional Group Trailer

Once per submission

HIPAA Reference Designator	Data Element Name	Requirement Designator	Type	Min/Max Length	Comments
	Record ID	M	X	2/2	“GE”
	Element Separator	M	X	1/1	must match character in col 4 of ISA
GE01	Number of Transaction Sets included	M	N0	1/6	
GE02	Group Control Number	M	N0	1/9	Must match GS06
	Segment / Record Terminator	M	X	1/1	Must match character in col 106 of ISA

Example:

GE*22*15~

Section – IEA - Interchange Control Trailer

once per submission

HIPAA Reference Designator	Data Element Name	Requirement Designator	Type	Min/Max Length	Comments
	Record ID	M	X	3/3	“IEA”
	Element Separator	M	X	1/1	must match character in col 4 of ISA
IEA01	Number of Included Functional Groups	M	N0	1/5	Count of the number of GS/GE groups
IEA02	Interchange Control Number	M	N0	9/9	must match ISA13
	Segment / Record Terminator	M	X	1/1	Must match character in col 106 of ISA

Example:

IEA*14*150207010~

HIPAA Data Stream Example

any additional HIPAA records submitted will be IGNORED by the editor program

see NOTES at bottom of example

ISA*00* *00* *30*610123456 *30*616001218 *020831*1000 *con't*
*U*00401*150207010*1*P*::~~
GS*HC*610123456 *616001218 *20020831*1000*X*00401X098~
ST*837*0001~
BHT*0019*00*0001*20020831*1000*RP~

/* This is the start of the Client loop 2000B */

SBR*P*18*254*****ZZ~
NM1*IL*1*A*B****MI*G12X3L789~

/* This is the start of the Claim loop 2200 */

CLM*G12X3L789~
HI*BK:79999*BF:30001~

/* This is the start of a Services loop 2400 */

LX*1~
SV1*HC:90899*UN*1.0*53*1:4~
DTP*472*RD8*20020531-20020601~
NTE*ADD*1003310340001505205581~

LX*2~
SV1*HC:90804*UN*4.0*53*1~
DTP*472*RD8*20020517-20020517~
NTE*ADD*1013320440981505204567~

LX*3~
SV1*HC:X0050*UN*0.25*99*2~
DTP*472*RD8*20020501-20020501~
NTE*ADD*1993300700011505205001~

/* This is the end of the first Services loop */

/* This is the end of the first Claim loop */

/* This is the start of the second Claim loop */

CLM*A12B3C456~
HI*BK:29383~

/* This is the start of a Services loop for the second Claim */

LX*1~
SV1*HC:04*UN*2.0*53*1~
DTP*472*RD8*20020522-20020522~
NTE*ADD*003113036 1598705581~

LX*2~
SV1*HC:50*UN*0.5*53*1~
DTP*472*RD8*20020524-20020524~
NTE*ADD*003113036 1598704567~

/* This is the end of the Services loop for the second Claim */
/* This is the end of the second Claim loop */
/* This is the end of the first Client loop */

/* This is the start of a second Client loop */

SBR*P*18*254*****ZZ~
NM1*IL*1*C*D****MI*B23C4D567~

/* This is the start of a Claim loop for the second Client */

CLM*B23C4D567~
HI*BK:30000*BF:30090~

/* This is the start of a Services loop for the second Client */

LX*1~
SV1*HC:X0150*UN*1.0*11*1~
DTP*472*RD8*20020521-20020521~
NTE*ADD*0012200780061500245454~

/* This is the end of the Services loop for the second Client */
/* This is the end of the Claim loop for the second Client */
/* This is the end of the second Client loop */

SE*9999*0001~
GE*22*15~
IEA*14*150207010~

/* This is the end of the submission */

NOTES:

1. We are NOT HIPPA experts.
2. Only records of interest to DMHMRS (RDMC) are included in this example (i.e. the ones that contain data that will be loaded into the Event data set). All other records will be ignored by RDMC.
3. I have left off any fields we do not edit check as any effort expended in providing that information would be wasted since we do not edit, retain or use those fields.
4. Everything between /* and */ is a comment and NOT part of the data stream.